

Application Serial No. 09/646,599
Amendment dated January 18, 2005
Reply to Office Action mailed August 17, 2004

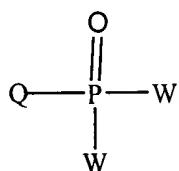
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

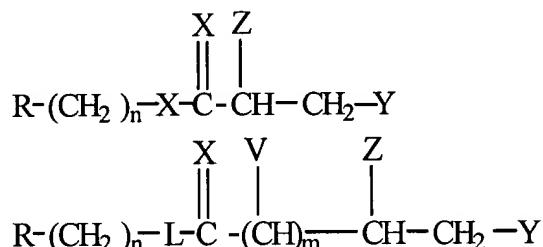
Listing of Claims:

Claims 1-4 (canceled)

5. (currently amended): A compound of the following formula



wherein each W is independently SH, OH, OCH₂CH(NH₂)CO₂H, OCHCH₃CH(NH₂)CO₂H, OPO₃H₂, OP(O)(OH)-O-PO₃H₂ or Q, wherein when one W is Q, the other W is OH, and Q is one of the following structures:



wherein

Y is O or S;

R is unsubstituted, saturated or unsaturated, straight or branched-chain alkyl, or

$((CH_2)_pO)_q(CH_2)_pT$ where q is an integer from 1 to about 900 and where each p is independently an integer from 2 to about 10 and T is OH, or $O(CH_2)_bCH_3$ where b is an integer from 0 to about 10;

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V is independently OH, SH, H, NH₂, halogen, OPO₃H₂, or OSO₃H;
n is an integer from 2 to ~~about~~ 10;
m is an integer from 0 to ~~about~~ 10;
Z is OH, SH, halogen, H, O(CH₂)_bCH₃ where b= 0 to ~~about~~ 2, or SO₃H;
L is independently O or S; and,
X is independently O or S.

6. (previously presented): A compound of Claim 5, selected from the group consisting of reverse ester-LPA, and reverse thioester-LPA.

7. (currently amended): ~~A composition comprising~~ The compound 3-oleyl-1-thiophosphoryl-2-*O*-methyl-*rac*-glycerate, or a salt thereof.

Claims 8-27 (cancelled)

28. (previously presented): A composition comprising a compound of claim 5, and at least one pharmaceutically acceptable excipient.

Claims 29-34 (cancelled)

35. (currently amended): A method of making a composition comprising a compound of Claim 5 and a potentiating component, comprising the steps of:

- a) forming a lipid dispersion comprising a compound of Claim 5;
- b) providing at least one potentiating component; and
- c) combining the products of steps a and b to form a composition comprising a compound of Claim 5 and a potentiating component.

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36. (currently amended): The method according to claim 35, wherein the lipid dispersion is formed by the steps of:

- a) dissolving a compound of Claim 5 and any other lipids in organic solvent;
- b) removing the solvent from any lipid compounds dissolved therein to form dried lipid; and
- c) dispersing the dried lipid into aqueous media by the steps of:
 - i) forming an even lipid dispersion; and
 - ii) forming an even dispersion of lipid membrane structures.

37. (previously presented): The method according to claim 35, further comprising the step of d) sterilizing the composition.

Claims 38-57 (cancelled)

58. (New): A method of inhibiting apoptosis in fibroblasts comprising contacting fibroblasts with a compound of Claim 5.

59. (New): A method of culturing cells comprising contacting cells in culture with a compound of Claim 5.

60. (New): A method of retaining an organ for transplantation that has been removed from a mammal comprising contacting said organ with a compound of Claim 5 prior to the transplantation of said organ into an organ recipient.

61. (New): The method of Claim 60 wherein the contacting comprises administering to said organ at least one intravenous bolus of a compound according to Claim 5.